Touch LCD Monitor

User Manual

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Attention

1. This manual contains important information for the proper maintenance and setup of the product. Before setup and use of the product, please read through this manual carefully.
2. This manual shall apply only to the included product(s).
3. If there is any problem found on products, please ask a qualified service technician to check. Please do NOT try to repair by yourself. The damage caused by incorrect operation and repair is NOT included in warranty.
4. The specifications may be modified without any advance notice. Please inquire your supplier for latest specification, driver, or manual.

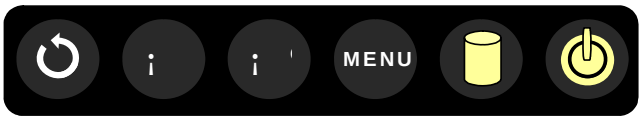
1. Specification

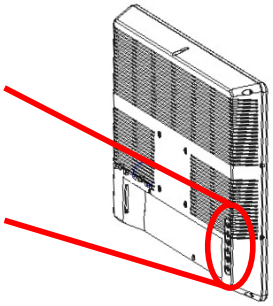
MODEL / SPEC	XTS4000

Display Type	Active Matrix TFT LCD
LCD Size	15"
Display Area (mm)	304(W) x 228(H)
Max. Resolution	1024 x 768
Colors	16.7 million
Brightness	250~ cd/m² (Typ.)
Contrast Ratio	300~500 : 1
Input Connector	D-SUB 15 PIN Female x 1 24 PIN DVI Connector x 1
Power Supply	12V / 3A External Power Adapter
Color	Whole Black Color or Black Color with Silver Front Panel
Dimension (W x H x D)	378 x 348 x 226 mm
Temperature	Operation : 0°C to 40°C
Humidity	10% to 90%
Touch Panel	TW 5-wrie or ELO Resistive Touch Panel (USB or RS-232)
Optional Integrated Device	VFD Customer Display, MSR Card Reader, Second 15”” LCD Screen with or without Touch Panel

Brightness is measured when the touch panel is not equipped. Please note that touch panel will have influence on brightness.

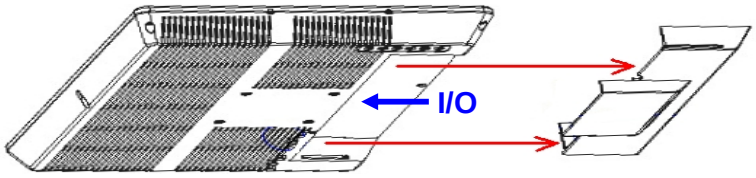
2. Control Panel



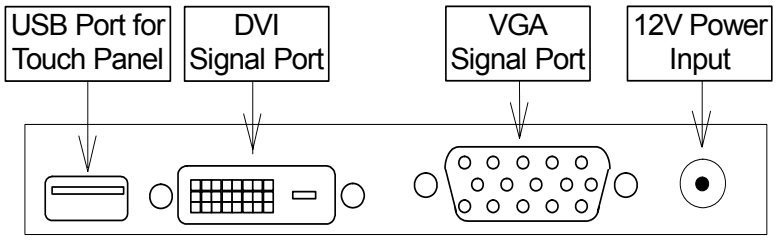


Push Button	Description of Function
	Power On/Off
MENU	OSD Menu & Confirmation
▲ ▼	Change and Selection for Detail of Each Setting
	Reserved

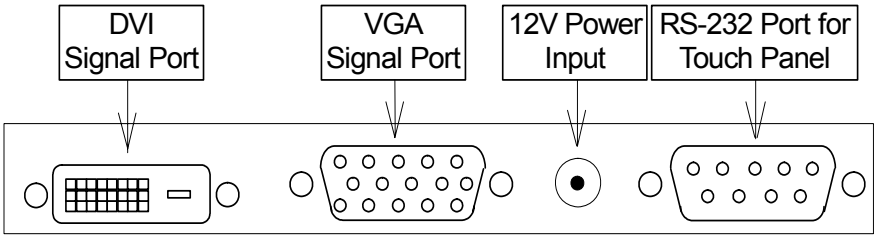
3. I/O Connector



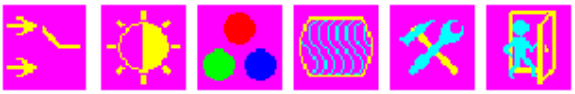
3.1 USB Interface for Touch Panel



3.2 RS-232 Interface for Touch Panel



4. OSD Function



(1) Press “menu” button to start OSD menu shown above and press “▲” button to go to each function described in following paragraphs.

(2) After you select the function, press “menu” button to enter submenu and press “▲” & ” ▼” button to select function you would like to adjust. Then, press “menu” button to enter to adjust details.

4.1 Input Interface Setting

- Analog Input
- Digital Input (Reserved)
- Exit

4.2 Adjustment of Brightness / Contrast / Back Level

- Brightness : Press “▲” & ” ▼” button to adjust.
- Contrast : Press “▲” & ” ▼” button to adjust.
- Black Level : Press “▲” & ” ▼” button to adjust.
- Exit

4.3 Adjustment of Color

- Auto Color Setup : Press “menu” button to do auto color setup for optimal setting of color.
- sRGB : Press “menu” button to adjust standard color.
- Color Temperature : Press “▲” & ” ▼” button to select color temperature or adjust R.G.B. color depth.
- CMY : Press “▲” & ” ▼” button to adjust RGB color and press “menu” button to select R,G,B. If you want to leave, press “menu” button to go back to prior menu.
- Skin Tone : Press “▲” & ” ▼” button to adjust. When finished, press “menu” button to go back to prior menu.
- Hue : Press “▲” & ” ▼” button to adjust hue of R,G,B. When finished, press “menu” button to go back to prior menu.
- Saturation : Press “▲” & ” ▼” button to adjust saturation of R,G,B. Press “menu” button to go to prior menu.
- Exit

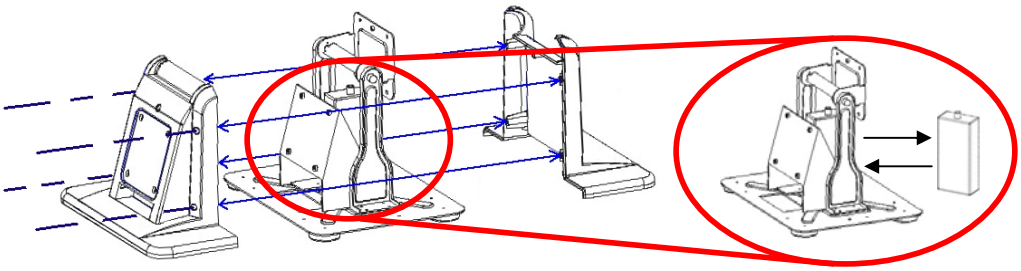
4.4 Adjustment of Image

- Auto-Configure : Please press “menu” button to automatically configure an optimal display setting.
- Image Width : Press “▲” & ” ▼” button to adjust width of display.
- Phase : Press “▲” & ” ▼” button to adjust the signal phase in the analog to digital converter.
- Horizontal Position : Press “▲” & ” ▼” button to adjust horizontal position of display.
- Vertical Position : Press “▲” & ” ▼” button to adjust vertical position of display.
- Exit

4.5 Tools

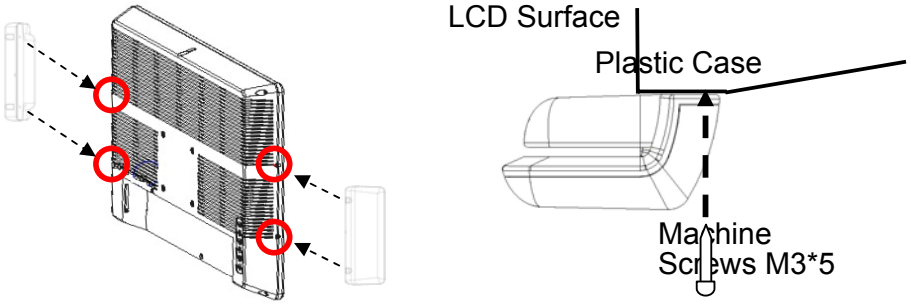
- OSD : Press “▲” & ” ▼” button to select a function you would like to adjust and press “menu” button to enter.
  - ✧ OSD Timeout (Time of automatic close of OSD menu)
  - ✧ OSD Horizontal (Horizontal position of OSD menu)
  - ✧ OSD Vertical (Vertical position of OSD menu)
  - ✧ OSD Size (Size of OSD menu)
- Factory Reset : When selected, it will recover to default.
- A↘A Sharpness : Press “menu” button to enter and press “▲” & ” ▼” button to adjust sharpness of character.
- Exit

5. Maintenance of Power Supply



6. Installation of Optional Devices

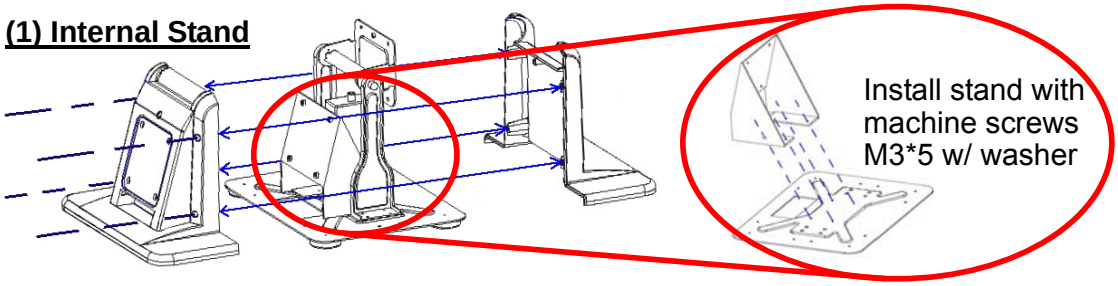
6.1 MSR



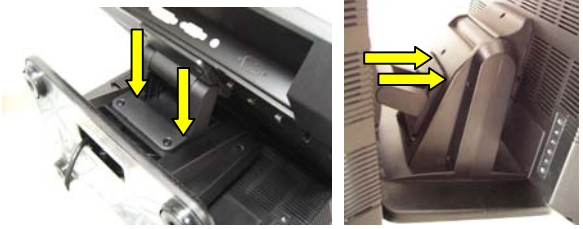
 # Both right and left side of screen can be screwed with MSR separately.

6.2 Second Monitor

(1) Internal Stand



(2) Combine to System



Machine Screws M4*8
(Round Head & Black Color)

Please use short screw driver on this process.

7. Cleaning and Safety

7.1 Cleaning

Before cleaning, turn off power and disconnect cables from system and AC outlet. After finishing cleaning, please make sure that the monitor is completely dry before you reconnect cables and power it on. Do not use any liquid or spray cleaners directly on surface of screen or cabinet. Use a soft, clean, lint-free cloth with cleaners to clear your monitor.

7.2 Screen

Use a soft, clean, lint-free cloth to remove dust and dirt from the monitor. For fingerprints & smudges, use a soft cloth with cleaners.

7.3 Case

Clean cabinet of monitor with a soft cloth slightly moistened with a mild detergent solution. Rinse the cloth with clean water, wring it dry, and wipe down the cabinet to remove any detergent residue.

7.4 Safety

(1) To reduce risk of electric shock, please follow all safety notices, never open case of products, and turn off power before cleaning.

(2) The product comes with a power cord. (The type of power cord may be different according to different countries.) The power cord plug will only fit into a safety ground outlet. Do not attempt to fit the plug into an outlet that has not been configured for this purpose. Please only use power cord that comes with the product. Using an unauthorized power cord may invalidate the warranty of the product.

(3) Do not insert any object or block the inside four edges of the screen.

(4) Do not pour liquid into or onto product or wash with a wet cloth. If the products becomes wet, please do not turn on or attempt to repair. Ask a qualified service technician to check it for you before you turn on the power again.

(5) Use products under suitable environment described in the specification

(6) Keep the products away from bumps and drops.

(7) Keep the products away from dust, sand, and dirt.